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RECEPTOR (RXR) AGONISTS TO INHIBIT PLATELET FUNCTIONS

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

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(54) Title: USE OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR GAMMA (PPARY) AND/OR RETINOIC ACID

(57) Abstract: Methods of inhibiting mammalian platelet release of CD40 ligand, thromboxanes, or prostaglandin E2, or surface expression of CD40 ligand that involve contacting mammalian platelets with an effective amount of a PPARy agonist, an RXR agonist, or a combination thereof. As a consequence of inhibiting CD40 ligand and thromboxane release, the present invention allows for inhibition of thrombus fon-nation by (or clotting activities of) activated platelets, as well as treating or preventing CD40 ligandmediated conditions and/or thromboxane-mediated conditions. Use of PPARγ agonist, RXR agonist, and/or inducers of PPARγ agonist in preparing a stored blood product, and for diagnostic testing of patient samples is also disclosed.



